| Project Title  | Funding   | Strategic Plan Objective | Institution                                      |
|--|-----------|--------------------------|--|
| Validation of web-based administration of the M-CHAT-R with Follow-up (M-CHAT-R/F)   | \$74,804  | Q1.S.B                   | Georgia State University                         |
| Visual Fixation on the Mouth: A Potential Index of<br>Language Acquisition and Delay   | \$29,500  | Q1.L.A                   | Emory University                                 |
| The ontogeny of social vocal engagement and its derailment in autism   | \$157,315 | Q1.L.A                   | Emory University                                 |
| Exploring Social Attribution in Toddlers At Risk for Autism Spectrum Disorder (ASD)  | \$29,500  | Q1.L.A                   | Georgia State University                         |
| Identifying Biomarkers for Early Detection of Prosody Disorders in ASD using Electroglottography                                     | \$35,000  | Q1.L.A                   | Emory University                                 |
| Toward Outcome Measurement of Anxiety in Youth with Autism Spectrum Disorders  | \$612,963 | Q1.L.B                   | Emory University                                 |
| Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior | \$24,000  | Q1.L.B                   | Georgia Tech Research Corporation                |
| The Development of Auditory Joint Engagement   | \$307,100 | Q1.L.C                   | GEORGIA STATE UNIVERSITY                         |
| Mechanisms of mitochondrial dysfunction in autism  | \$0       | Q2.S.A                   | Georgia State University                         |
| Targeting the PI3K Enhancer PIKE to Reverse FXS-associated Phenotypes  | \$206,000 | Q2.S.D                   | Emory University                                 |
| Genetic Modifiers of Seizure Disorders in Fragile X<br>Syndrome  | \$261,539 | Q2.S.D                   | Emory University                                 |
| Tet-mediated Epigenetic Modulation in Autism   | \$684,145 | Q2.S.D                   | Emory University                                 |
| Imaging of protein synthesis and ubiquitination in fragile x syndrome  | \$234,000 | Q2.S.D                   | Emory University                                 |
| Gesture as a forerunner of linguistic change- insights from autism   | \$0       | Q2.L.A                   | Georgia State University                         |
| Predicting risk and resilience in ASD through social visual engagement   | \$210,158 | Q2.L.B                   | Emory University                                 |
| Modulation of RhoA Signaling by the mRNA Binding Protein hnRNPQ1   | \$31,356  | Q2.Other                 | Emory University                                 |
| RI: Small: Addressing visual analogy problems on the raven's intelligence test   | \$0       | Q2.Other                 | Georgia Tech Research Corporation                |
| Ontogeny and neural basis of social visual engagement in monkeys   | \$312,009 | Q2.Other                 | Emory University                                 |
| Prenatal folic acid and risk for autism spectrum disorders   | \$252,345 | Q3.S.H                   | Emory University                                 |
| Detection of clostridium perfringens toxins in the gut flora of autistic children  | \$25,000  | Q3.S.I                   | VA Medical Center, Los Angeles                   |
| 5-hydroxymethylcytocine-mediated epigenetic regulation in autism   | \$200,000 | Q3.S.J                   | Emory University                                 |
| 5-Hydroxymethylcytocine-mediated epigenetic regulation in autism spectrum disorders  | \$0       | Q3.S.J                   | Emory University                                 |
| Simons Simplex Collection support grant  | \$0       | Q3.L.B                   | Emory University                                 |
| Centers for Autism and Developmental Disabilities<br>Research and Epidemiology (CADDRE) - Georgia                                    | \$893,091 | Q3.L.D                   | Centers for Disease Control and Prevention (CDC) |

| Project Title   | Funding     | Strategic Plan Objective | Institution                                      |  |
|---|-------------|--------------------------|--|--|
| The Effects of Intranasal Oxytocin on Social Cognition and Neural Activity  | \$401,068   | Q4.S.A                   | Emory University                                 |  |
| Characterization of the Schizophrenia-associated 3q29<br>Deletion in Mouse  | \$477,402   | Q4.S.B                   | Emory University                                 |  |
| Novel approaches to enhance social cognition by stimulating central oxytocin release  | \$149,665   | Q4.S.B                   | Emory University                                 |  |
| Oxytocin Receptors and Social Behavior  | \$440,363   | Q4.S.B                   | Emory University                                 |  |
| A NOVEL TRANSLATIONAL MODEL OF AUTISUM SPECTRUM DISORDER  | \$223,125   | Q4.S.B                   | Emory University                                 |  |
| Efficacy of the Direct Instruction Language for Learning Program to Promote Expressive and Receptive Language in Children with Autism Spectrum Disorder | \$1,111,918 | Q4.S.C                   | Emory University                                 |  |
| 1/5-Randomized Trial of Parent Training for Young<br>Children with Autism   | \$242,475   | Q4.S.D                   | Emory University                                 |  |
| iSKILLS : The audio/video guidance repository for life skills   | \$0         | Q4.L.D                   | University of Georgia                            |  |
| Changing developmental trajectories through early treatment   | \$652,271   | Q4.L.D                   | Emory University                                 |  |
| CAREER: Combining Crowdsourcing and Computational Creativity to Enable Narrative Generation for Education, Training, and Healthcare                     | \$99,657    | Q4.Other                 | Georgia Tech Research Corporation                |  |
| Learn the signs. Act early Improving early identification of ASDs through improved parental awareness of developmental milestones                       | \$3,280,862 | Q5.L.A                   | Centers for Disease Control and Prevention (CDC) |  |
| Collaborative Personnel Preparation in Autism (COPPA)   | \$245,130   | Q5.Other                 | University of Georgia                            |  |
| Collaborative Adolescent Autism Teacher Training (CAATT)  | \$0         | Q5.Other                 | University of Georgia                            |  |
| Analysis, Interpretation, Instruction, Management,<br>Functional assessment and intervention for individuals<br>with autism in school contexts          | \$249,985   | Q5.Other                 | University of Georgia                            |  |
| Metropolitan Atlanta Developmental Disabilities<br>Surveillance Program/Autism and Developmental<br>Disabilities Monitoring (ADDM) network - Georgia    | \$893,091   | Q7.I                     | Centers for Disease Control and Prevention (CDC) |  |
| Research training and education core  | \$57,944    | Q7.K                     | Emory University                                 |  |
| Data management and analysis core   | \$53,982    | Q7.Other                 | Emory University                                 |  |
| Clinical Assessment Core  | \$248,206   | Q7.Other                 | Emory University                                 |  |